

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043316.D
 Acq On : 14 Dec 2023 00:01
 Operator : MA/JU
 Sample : 05690-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH0

Quant Time: Dec 14 00:34:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

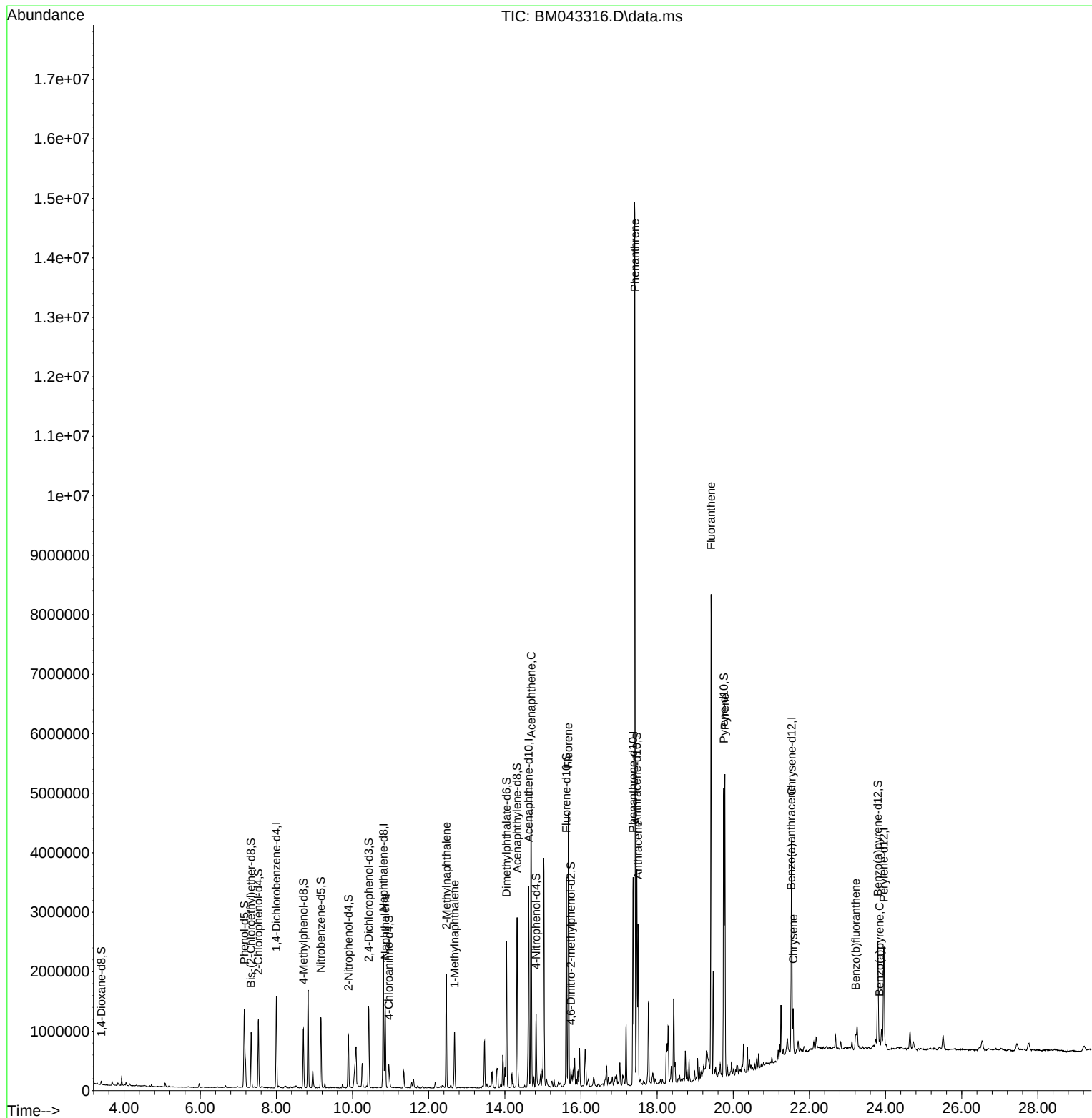
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	401893	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	1878595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1084035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2026178	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1350294	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264	1228338	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	29465	2.877	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.157	99	664382	16.652	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	436817	17.685	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	514868	16.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	367027	11.628	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	270288	16.880	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	277031	17.942	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	481437	13.989	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	224663	4.537	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1514229	15.935	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1765893	16.063	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	249821	14.671	ng/ul	0.00
60) Fluorene-d10	15.616	176	1273734	15.377	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	44156	3.960	ng/ul	0.00
73) Anthracene-d10	17.468	188	1789734	16.327	ng/ul	0.00
81) Pyrene-d10	19.751	212	1941364	22.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	1233457	17.209	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.857	128	1110285	9.629	ng/ul	99
36) 2-Methylnaphthalene	12.463	142	881940	10.631	ng/ul	100
37) 1-Methylnaphthalene	12.681	142	439014	5.214	ng/ul	98
52) Acenaphthene	14.692	153	2052045	25.037	ng/ul	99
61) Fluorene	15.669	166	2030382	20.950	ng/ul	100
72) Phenanthrene	17.416	178	8827284	69.865	ng/ul	99
74) Anthracene	17.498	178	1625229	12.769	ng/ul	99
80) Fluoranthene	19.415	202	4516620	45.572	ng/ul#	91
82) Pyrene	19.780	202	2905375	28.181	ng/ul#	94
85) Benzo(a)anthracene	21.521	228	465490	4.496	ng/ul	98
87) Chrysene	21.574	228	408200	4.415	ng/ul	97
90) Benzo(b)fluoranthene	23.215	252	208050	2.374	ng/ul#	89
93) Benzo(a)pyrene	23.845	252	95201	1.175	ng/ul#	90

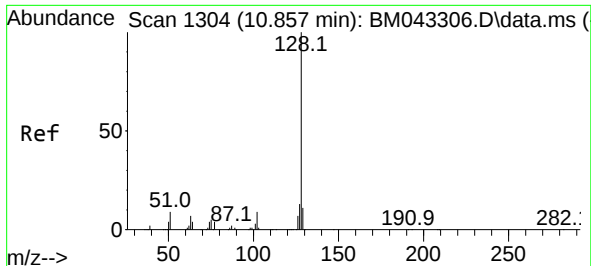
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
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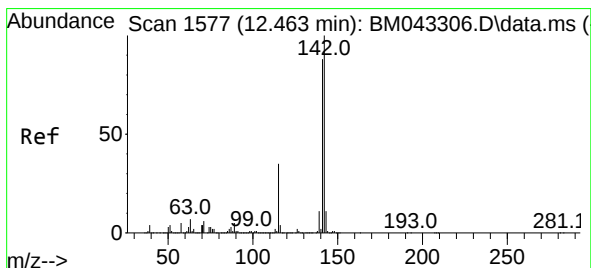
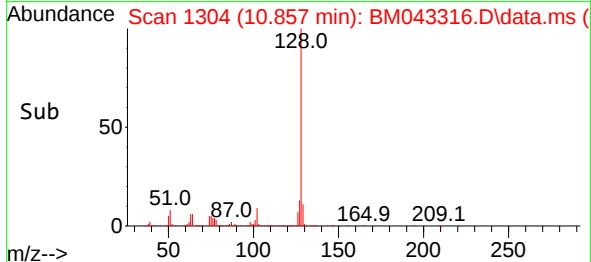
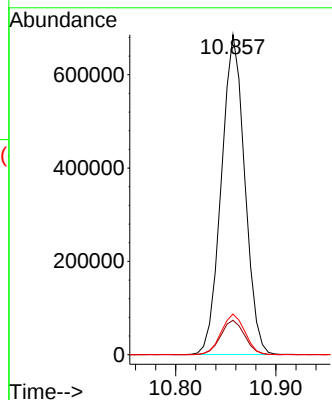
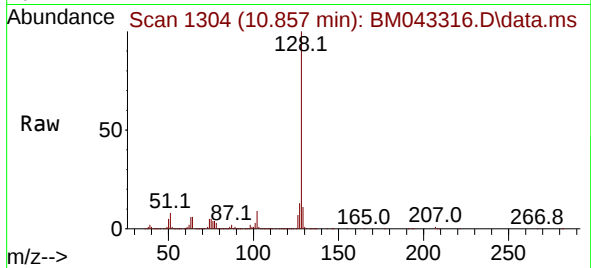




#30
Naphthalene
Concen: 9.629 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043316.D
Acq: 14 Dec 2023 00:01

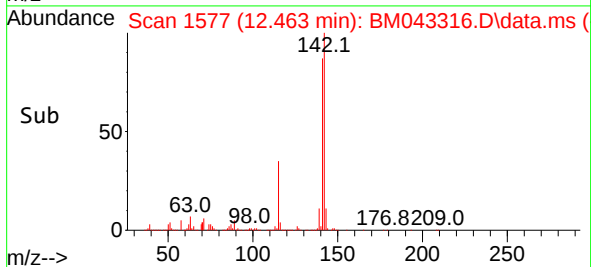
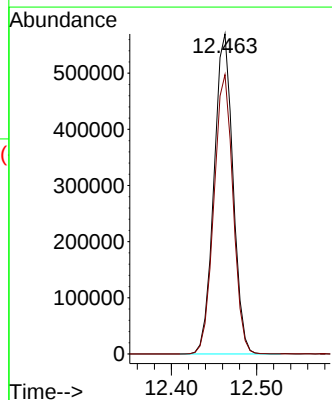
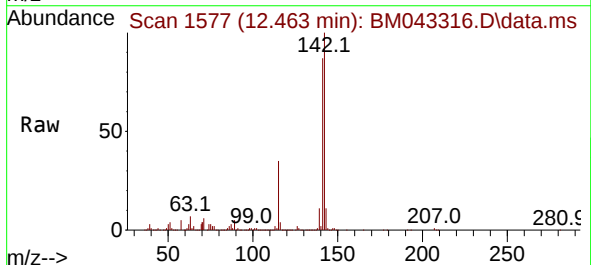
Instrument :
BNA_M
ClientSampleId :
DCLH0

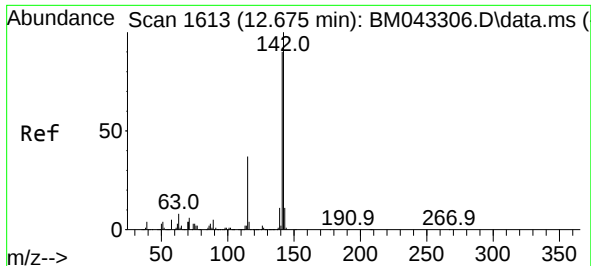
Tgt Ion:128 Resp: 1110285
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.7 10.4 15.6



#36
2-Methylnaphthalene
Concen: 10.631 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM043316.D
Acq: 14 Dec 2023 00:01

Tgt Ion:142 Resp: 881940
Ion Ratio Lower Upper
142 100
141 87.3 70.0 105.0





#37

1-Methylnaphthalene

Concen: 5.214 ng/ul

RT: 12.681 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

Instrument :

BNA_M

ClientSampleId :

DCLH0

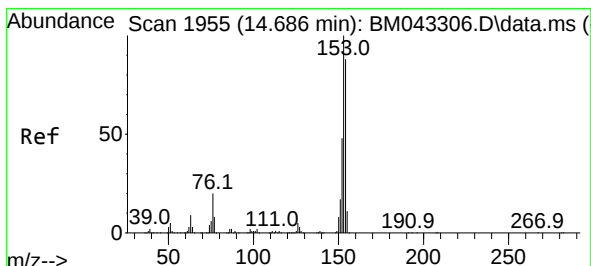
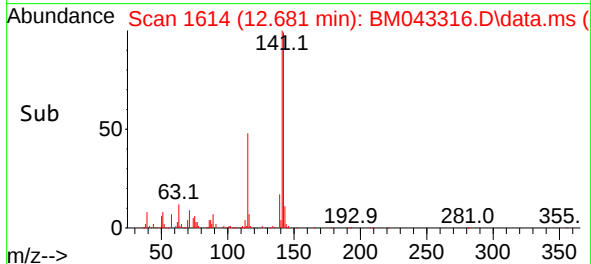
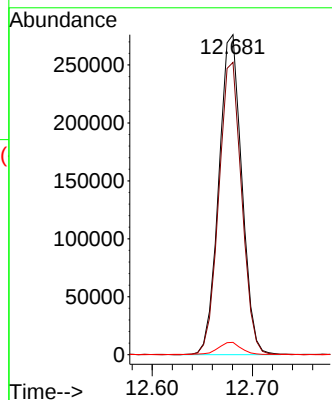
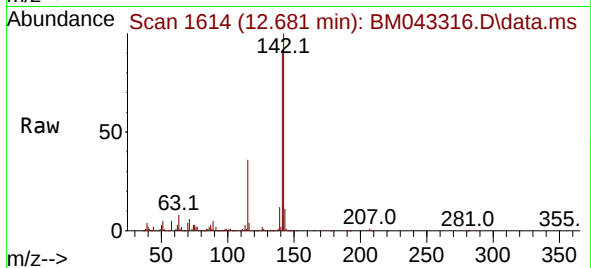
Tgt Ion:142 Resp: 439014

Ion Ratio Lower Upper

142 100

141 91.3 71.9 107.9

116 3.8 2.8 4.2



#52

Acenaphthene

Concen: 25.037 ng/ul

RT: 14.692 min Scan# 1956

Delta R.T. 0.006 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

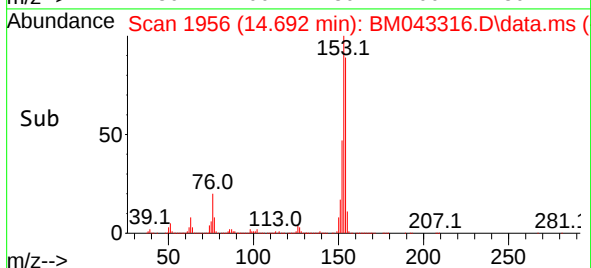
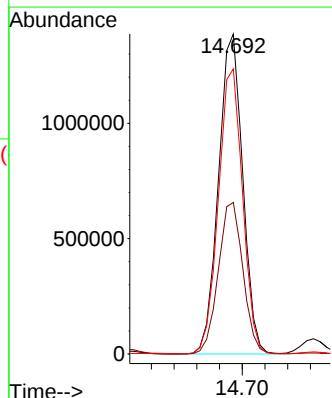
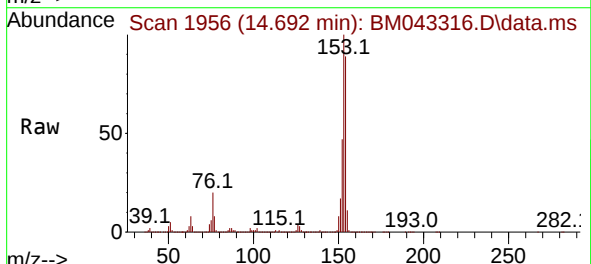
Tgt Ion:153 Resp: 2052045

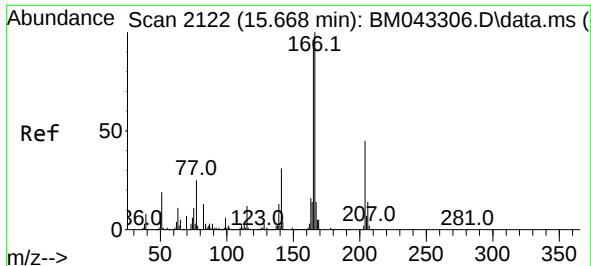
Ion Ratio Lower Upper

153 100

152 47.3 38.6 58.0

154 89.1 71.6 107.4

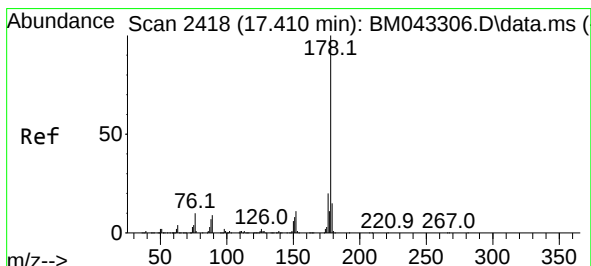
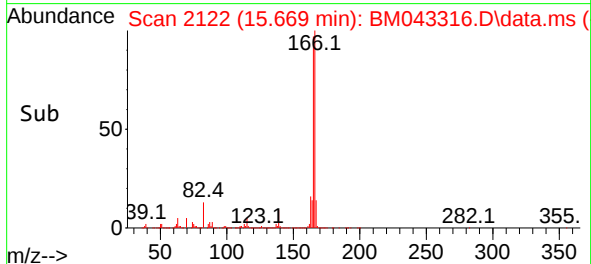
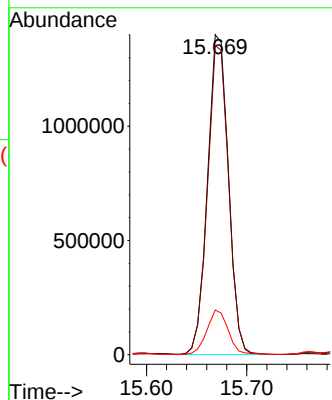
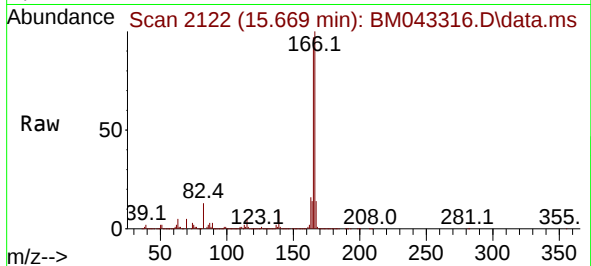




#61
Fluorene
Concen: 20.950 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM043316.D
Acq: 14 Dec 2023 00:01

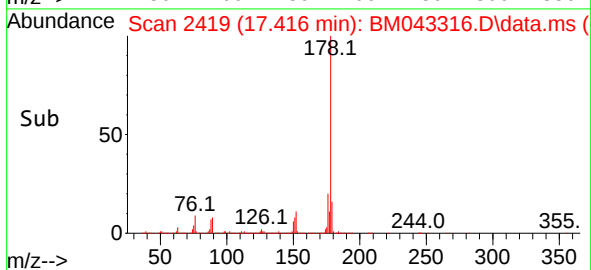
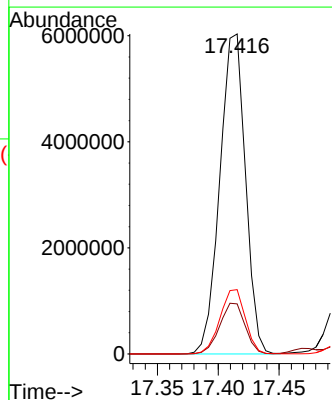
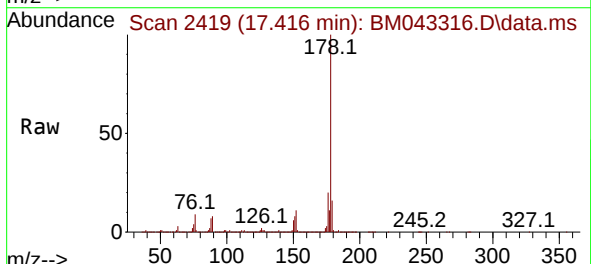
Instrument :
BNA_M
ClientSampleId :
DCLH0

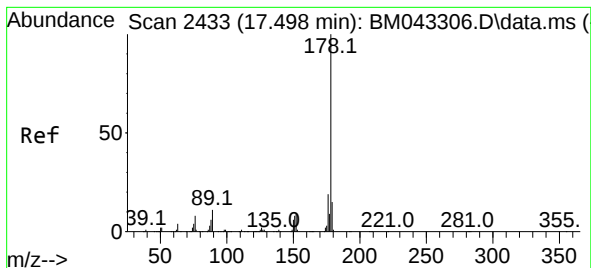
Tgt Ion:166 Resp: 2030382
Ion Ratio Lower Upper
166 100
165 96.6 77.5 116.3
167 14.0 10.7 16.1



#72
Phenanthrene
Concen: 69.865 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BM043316.D
Acq: 14 Dec 2023 00:01

Tgt Ion:178 Resp: 8827284
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 20.1 15.7 23.5





#74

Anthracene

Concen: 12.769 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

Instrument :

BNA_M

ClientSampleId :

DCLH0

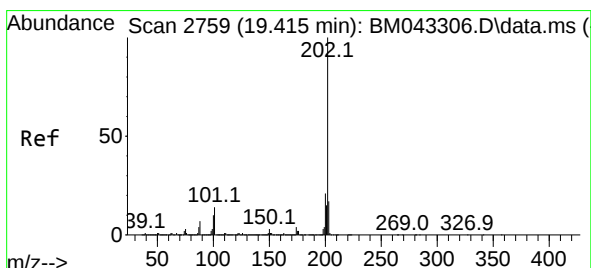
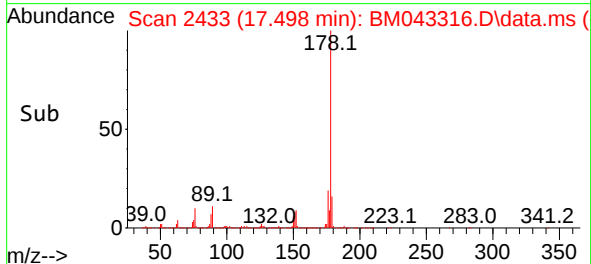
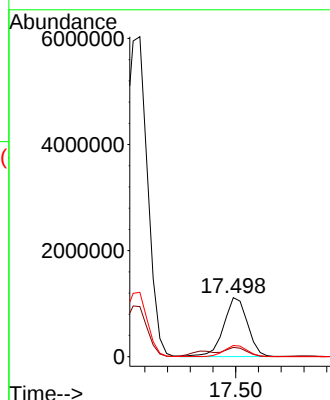
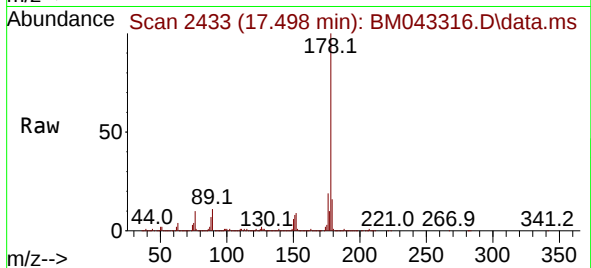
Tgt Ion:178 Resp: 1625229

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 18.9 15.1 22.7



#80

Fluoranthene

Concen: 45.572 ng/ul

RT: 19.415 min Scan# 2759

Delta R.T. 0.000 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

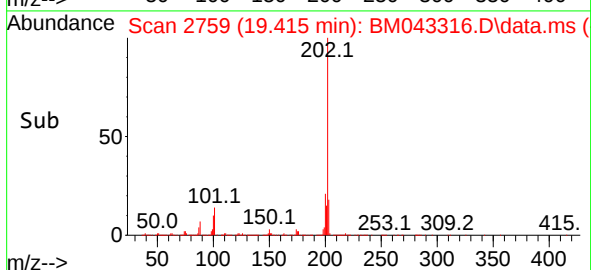
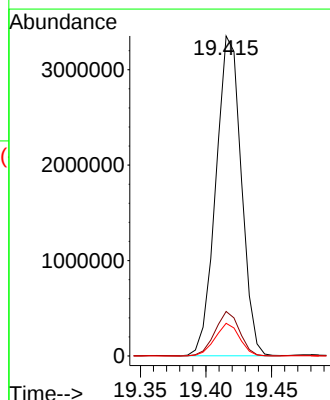
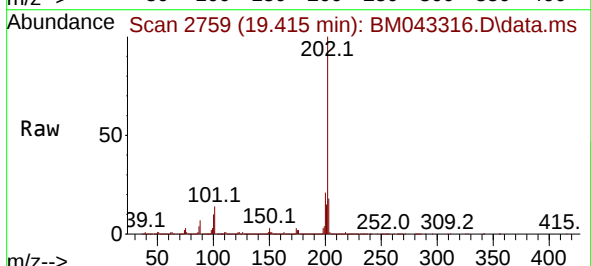
Tgt Ion:202 Resp: 4516620

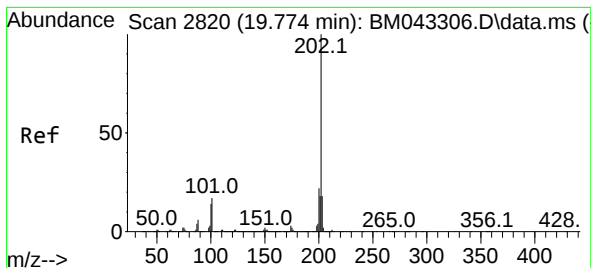
Ion Ratio Lower Upper

202 100

101 13.9 8.2 12.2#

100 10.2 6.1 9.1#





#82

Pyrene

Concen: 28.181 ng/ul

RT: 19.780 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

Instrument :

BNA_M

ClientSampleId :

DCLH0

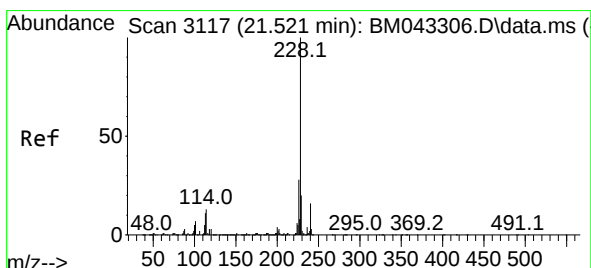
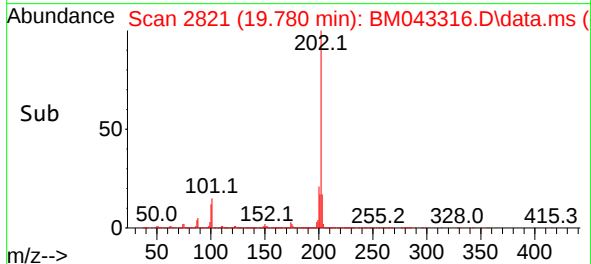
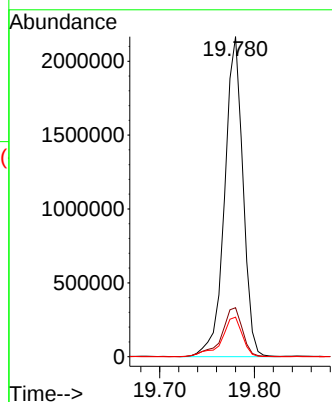
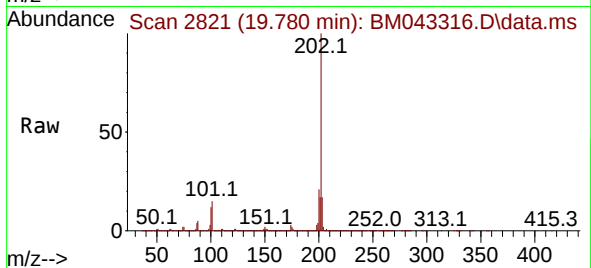
Tgt Ion:202 Resp: 2905375

Ion Ratio Lower Upper

202 100

101 15.3 10.2 15.2#

100 12.4 8.2 12.2#



#85

Benzo(a)anthracene

Concen: 4.496 ng/ul

RT: 21.521 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

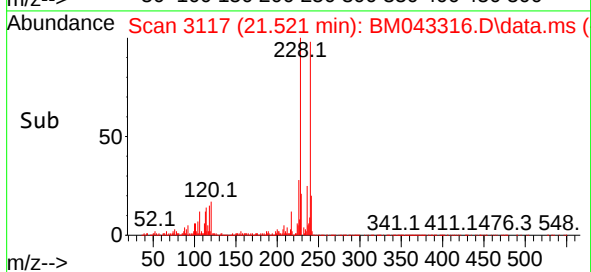
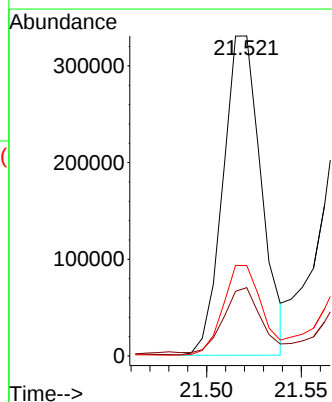
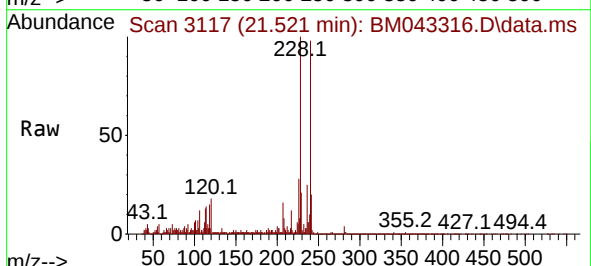
Tgt Ion:228 Resp: 465490

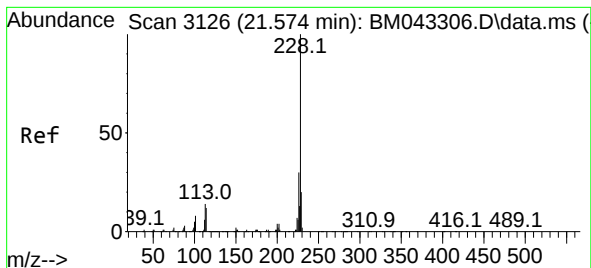
Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.8

226 28.3 22.2 33.4





#87

Chrysene

Concen: 4.415 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

Instrument :

BNA_M

ClientSampleId :

DCLH0

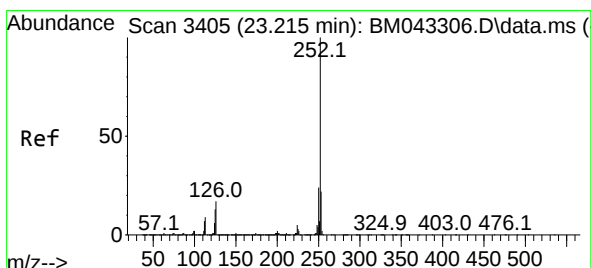
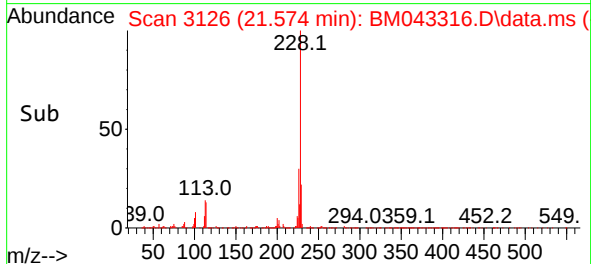
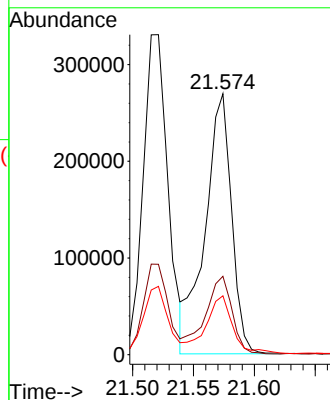
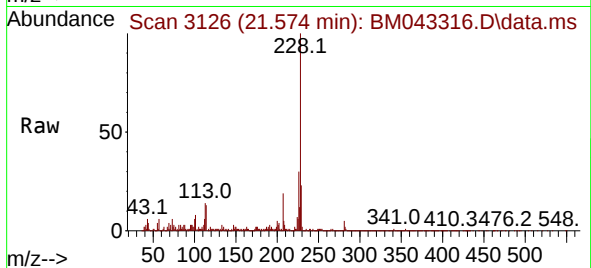
Tgt Ion:228 Resp: 408200

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

229 22.5 16.2 24.2



#90

Benzo(b)fluoranthene

Concen: 2.374 ng/ul

RT: 23.215 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BM043316.D

Acq: 14 Dec 2023 00:01

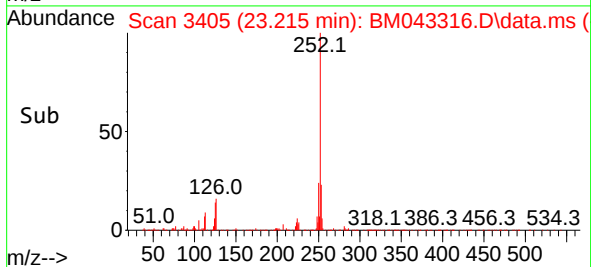
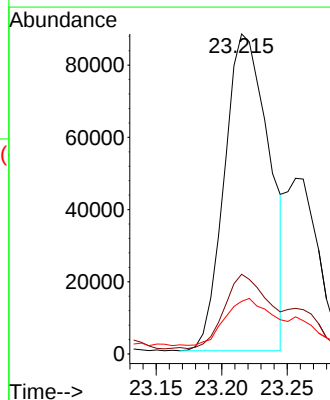
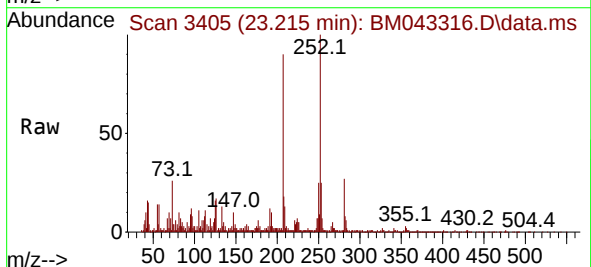
Tgt Ion:252 Resp: 208050

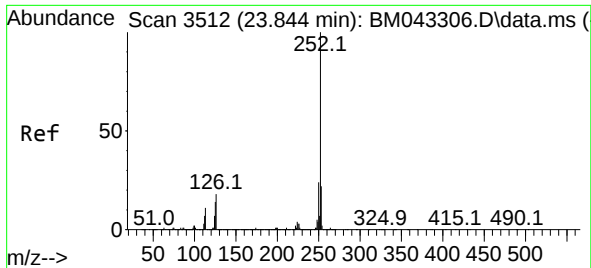
Ion Ratio Lower Upper

252 100

253 24.9 17.4 26.2

125 16.5 7.2 10.8#





#93
 Benzo(a)pyrene
 Concen: 1.175 ng/ul
 RT: 23.845 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM043316.D
 Acq: 14 Dec 2023 00:01

Instrument :
 BNA_M
 ClientSampleId :
 DCLH0

Tgt Ion:252 Resp: 95201
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.8 26.6
 125 20.2 8.4 12.6#

